

Amendments to the Specification:

Please amend the Abstract as follows:

Abstract

The present invention relates to a device for detecting the orientation of a solid including capture
~~device of the orientation of a solid comprising:~~ at least a sensor (10a, 10b) of angular position,
capable of being ~~made solid with~~ affixed to the solid and of supplying at least a measuring datum
(~~theta.sub.m~~) representative of the orientation of the solid; The device also includes means
(14) for generating test data (~~theta.sub.t~~) representative of an estimated orientation of the solid,
and means (18) for modification of the estimated orientation of the solid by confrontation of the
measuring datum and test data. ~~Application to computer input peripherals, in the medical field.~~